
Subject: [Q] structure definition with variable array size
Posted by [dEdmundson](#) on Thu, 25 Jun 1998 07:00:00 GMT
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I wish to create a structure for holding a slice from a 3d volume along with domain info, e.g.,

```
pro slice__define
  tmp = {slice, data:fltarr(100,100), x:fltarr(100), y:fltarr(100), z:0.0}
end
```

This definition is fine if the data dimensions are known. However, what if the array sizes are only known at runtime when the data file is opened and brought into IDL. Is it possible to have structures with arbitrary length arrays ala F90, C, or Pascal?

Cheers,
Darran.

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